

PTO-1390 (Rev. 07-2004)

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 129402.00201
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/511657</b>
INTERNATIONAL APPLICATION NO. PCT/EP03/04003	INTERNATIONAL FILING DATE 16 April 2003	PRIORITY DATE CLAIMED 18 April 2002 (18.04.2002) 05 December 2002 (05.12.2002)
TITLE OF INVENTION Means and Methods for the Specific Modulation of Target Genes in the CNS and the Eye and Methods for their Identification		
APPLICANT(S) FOR DO/EO/US Karina Drumm, Stefan Hubert Schlör and Frank Göhring		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Certificate of Mailing; Postcard		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (an by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; margin-top: 5px;">10/511657</div>	INTERNATIONAL APPLICATION NO. PCT/EP03/04003	ATTORNEY'S DOCKET NUMBER 129402.00201																																																														
21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....\$1110.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$790.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00  <div style="text-align: right; margin-top: 10px;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 100px;"></td> </tr> <tr> <td style="text-align: right;">\$950.00</td> <td></td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> </tr> <tr> <td style="text-align: right;">\$130.00</td> <td></td> </tr> <tr> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>90-20 =</td> <td>70</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2-3 =</td> <td>0</td> <td>X \$88.00</td> </tr> <tr> <td colspan="3"></td> <td>+ \$300.00</td> </tr> </table> </td> <td style="text-align: right; vertical-align: bottom;">           \$1260.00 \$0.00 \$300.00         </td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: right;">\$300.00</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="text-align: right;">\$2640.00</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 1.27. The fees indicated above are reduced by 1/2.</td> <td style="text-align: right;">\$1320.00</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>SUBTOTAL =</b></td> <td style="text-align: right;">\$1320.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></td> <td style="text-align: right;">\$1320.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">Amount to be refunded:</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">Amount to be charged:</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">\$</td> </tr> </table>		CALCULATIONS	PTO USE ONLY			\$950.00		Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> <tr> <td>Total claims</td> <td>90-20 =</td> <td>70</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2-3 =</td> <td>0</td> <td>X \$88.00</td> </tr> <tr> <td colspan="3"></td> <td>+ \$300.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	90-20 =	70	X \$18.00	Independent claims	2-3 =	0	X \$88.00				+ \$300.00	\$1260.00 \$0.00 \$300.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		\$300.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$2640.00	<input checked="" type="checkbox"/> Applicant claims small entity status. 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a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1320.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0436</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Pepper Hamilton LLP 500 Grant Street, 50 <sup>th</sup> Floor Pittsburgh, PA 15219 Telephone: (412) 454-5000 Facsimile: (412) 281-0717																																																																
		<div style="text-align: center;"> <div style="border-top: 1px solid black; width: 100%;"></div> <div style="display: flex; justify-content: space-between;"> <span>SIGNATURE</span> <span>Raymond A. Miller</span> </div> <div style="border-top: 1px solid black; width: 100%;"></div> <div style="display: flex; justify-content: space-between;"> <span>NAME</span> <span>42,891</span> </div> <div style="border-top: 1px solid black; width: 100%;"></div> <div style="text-align: center;">REGISTRATION NUMBER</div> </div>																																																														

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In re Application of

Drumm et al.

Serial No.: 10/511,657

Group Art Unit: not yet assigned

International Filing Date: October 18, 2004 :

Examiner: not yet assigned

Title: MEANS AND METHODS FOR THE SPECIFIC MODULATION OF TARGET  
GENES IN THE CNS AND THE EYE AND METHODS FOR THEIR  
IDENTIFICATION

I hereby certify that this "AMENDMENT AND RESPONSE TO OFFICE ACTION" and is  
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Kathleen Pujol

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Attorneys at Law

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